

Title (en)

Improvements in or relating to gas turbine engine control

Title (de)

Verbesserungen im Zusammenhang mit Gasturbinenmotorsteuerung

Title (fr)

Améliorations de ou relatives à une commande de moteur de turbine à gaz

Publication

**EP 2620601 A2 20130731 (EN)**

Application

**EP 13150398 A 20130107**

Priority

GB 201201094 A 20120124

Abstract (en)

A gas turbine engine control apparatus comprises a controller (34), a memory (36) associated with the controller (34) and inputs (38) for measurement data from an engine. The controller (34) determines the start of a monitoring cycle at (73), receives measurement data at the inputs (38) during the monitoring cycle, manipulates the measurement data to provide an incremental deterioration value representing deterioration occurring within the engine and during the monitoring cycle, and uses the incremental deterioration value at (72) to update a deterioration value (74) stored in the memory (36), and determines the start of a further monitoring cycle.

IPC 8 full level

**F01D 11/20** (2006.01)

CPC (source: EP US)

**F01D 11/08** (2013.01 - EP US); **F01D 11/20** (2013.01 - US); **F02C 9/00** (2013.01 - EP US); **F02C 9/28** (2013.01 - EP US); **F05D 2260/80** (2013.01 - EP US); **F05D 2260/82** (2013.01 - EP US)

Cited by

EP4119775A1; US11655725B2; US10358933B2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2620601 A2 20130731**; **EP 2620601 A3 20170823**; GB 201201094 D0 20120307; US 2013191004 A1 20130725; US 8996277 B2 20150331

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**EP 13150398 A 20130107**; GB 201201094 A 20120124; US 201313735508 A 20130107